

## ABSTRACT OF THE DISCLOSURE

There is provided a semiconductor integrated circuit device which assures high performance and low power consumption through reduction of installation area and realizes automatic voltage adjustment of a couple of voltage step-down power supply circuits for active and standby conditions. In this semiconductor integrated circuit device, a first reference voltage is formed by amplifying a fixed voltage formed in a fixed voltage generating circuit with an amplifying circuit which can adjust the voltage gain with a resistance circuit and a switch controlled with a first trimming switch setting signal, an internal step-down voltage when the internal circuit is in the active condition is outputted from a first output buffer which is activated with a first control signal, a second reference voltage is formed by adjusting combination of the threshold voltages of MOSFETs with a plurality of MOSFETs and a switch controlled with a second trimming switch setting signal, and an internal step-down voltage when the internal circuit is in the standby condition is outputted with a second output buffer which is activated with a second control signal.